



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Motoyuki FUJIMORI et al.

Group Art Unit: 2851

Application No.: 09/362,623

Examiner: W. Dowling

Filed: July 28, 1999

Docket No.: 103614.99

For: PROJECTION TYPE LIQUID CRYSTAL PROJECTOR

**SUBMISSION OF SUBSTITUTE AND SUPPLEMENTAL REISSUE
DECLARATION**

Director of the U.S. Patent and Trademark Office
Washington, D. C. 20231

Sir:

Submitted herewith is a fully executed Substitute and Supplemental Reissue Declaration of the Inventors. Entry of this document should resolve any informalities in the above-identified reissue application.

It is respectfully submitted that no additional fees are required for the substitute Declaration. However, the Director is hereby authorized to charge any additional fee associated with this communication to deposit account number 15-0461.

Respectfully submitted,

James A. Oliff
Registration No. 27,075

Benjamin M. Halpern
Registration No. 46,494

JAO:BMH/vgp

Date: April 29, 2003

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

RECEIVED
APR 30 2003
TTC 2800 MAIL ROOM

#24
9/3/03
ajr



REISSUE PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED
APR 30 2003
TC 2800 MAIL ROOM

In re the Broadening Reissue Application of

Motoyuki FUJIMORI; Toshiaki HASHIZUME; Kenji IGUCHI; Keisuke SAKAGAMI;
Kiichi OKUMURA

Application No.: Reissue Application of U.S. Patent No. 5,651,599 issued July 29, 1997
(U.S. Patent Application Serial No. 08/394,308 filed February 24, 1995)

Filed: Docket No.: 103614.99

For: PROJECTION TYPE LIQUID CRYSTAL PROJECTOR

**SUBSTITUTE AND SUPPLEMENTAL REISSUE
DECLARATION**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

We, Motoyuki FUJIMORI; Toshiaki HASHIZUME; Kenji IGUCHI; Keisuke
SAKAGAMI; and Kiichi OKUMURA, hereby declare that:

1. We are citizens of Japan with the addresses as stated below next to our names.
2. We have reviewed and understand the contents of the specification and claims
of the above-captioned reissue application and this reissue declaration.
3. We believe that we are the original and joint inventors of the invention
described and claimed in the reissue application and in U.S. Letters Patent No. 5,651,599,
which issued from U.S. Patent Application No. 08/394,308 filed February 24, 1995, which is
a Division of U.S. Patent Application No. 07/938,261 filed October 21, 1992 (now U.S.
Patent No. 5,418,586).
4. We claim the priority benefits of the following applications:

Japanese Patent Application No. 3-28430 filed February 22, 1991;

Japanese Patent Application No. 3-59137 filed March 22, 1991;

Japanese Patent Application No. 3-137633 filed June 10, 1991;

Japanese Patent Application No. 3-49295 filed June 27, 1991;

Japanese Patent Application No. 3-156408 filed June 27, 1991; and

Japanese Patent Application No. 3-156422 filed June 27, 1991.

5. We acknowledge our duty to disclose information which is material to the examination of this reissue application in accordance with 37 C.F.R §1.56(a).

6. We consider U.S. Patent No. 5,651,599 to be partly inoperative by reason of (1) claiming less than we had a right to claim because the original claims are unduly limited and may not provide an adequate scope of protection, and (2) errors in claim 2 which render claim 2 inconsistent with the original disclosure.

7. Claim 2 is not completely consistent with the original disclosure in that claim 2 recites "cooling fans being positioned in a plane over a surface on which said image forming liquid crystal light valves are secured." (Emphasis added). However, the original disclosure teaches, for example, at col. 10, lines 49-50, "a fan 60 for drawing outside air is disposed below the chassis 8b." (Emphasis added). Figs. 13-15 show, and the original disclosure teaches at col. 15, lines 44-45, a "cooling fan 66 is disposed below the red color type liquid crystal light valve 7b." Thus, Claim 2 is corrected to recite "a fan" located in a plane "below" a surface. Additionally, applicants should not be limited to only multiple cooling fans. Further, the position of the cooling fan should be clarified as being positioned below the light valves.

8. Additionally, claim 1 in its present form unduly limits the scope of protection afforded Applicants' invention. Specifically, patent claim 1 recites "said color separating means, said image forming liquid crystal light valves, and said image synthesizing means being secured to a top surface of a box-shaped lower chassis by fixing members." (Emphasis

added). However, patent claim 1 is unduly limited in that the invention encompasses securing these elements relative to a first wall of the lower chassis.

9. Regarding claims 2 and 14, the error also arose at least in failing to include claims of a scope which include the following features: the cooling fan having a peripheral portion and a center portion, the peripheral portion of the cooling fan disposed directly below the image forming liquid crystal light valves for the blue and green beams, and the center portion of the cooling fan being disposed directly below the image forming liquid crystal light valve for the red beam.

10. Claims were amended in this reissue application subsequent to the filing of the previous Reissue Declaration. Thus, this Declaration also constitutes a Supplemental Reissue Declaration. All errors in the patent which were corrected in the present reissue application, and which are not covered by the prior Declarations submitted in this application, arose without any deceptive intention on the part of the Applicants.

11. All errors being corrected in this reissue application up to the time of filing this declaration arose without any deceptive intention on our part.

12. We hereby revoke all prior powers of attorney and appoint the following as our attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024;

Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411;

Edward P. Walker, Reg. No. 31,450; Robert A. Miller, Reg. No. 32,771;

Mario A. Costantino, Reg. No. 33,565; and Caroline D. Dennison, Reg. No. 34,494.

All correspondence in connection with this application should be sent to Oliff & Berridge, PLC, P.O. Box 19928, Alexandria, Virginia 22320, telephone (703) 836-6400.

13. We have reviewed and understand the contents of this reissue declaration, and all statements made herein of our knowledge are true, and all statements made on information

and belief are believed to be true; and further these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the U.S. Code and that such willful false statements may jeopardize the validity of the application or any patent reissued thereon.

Date: March 6, 2003

藤森

→ (Motoyuki Fujimori)
Motoyuki FUJIMORI

Residence: Suwa-shi, Nagano-ken, Japan

Address: c/o Seiko Epson Corporation
3-5, Owa 3-Chome

橋本 Suwa-shi, Nagano-ken, Japan

Date: Mar. 10, 2003

→ (Toshiaki Hashizume)
Toshiaki HASHIZUME

Residence: Suwa-shi, Nagano-ken, Japan

Address: c/o Seiko Epson Corporation
3-5, Owa 3-Chome

Suwa-shi, Nagano-ken, Japan

Date: April 7, 2003

Kenji Iguchi
Kenji IGUCHI

Residence: Suwa-shi, Nagano-ken, Japan

Address: c/o Seiko Epson Corporation
3-5, Owa 3-Chome

IGUCHI Suwa-shi, Nagano-ken, Japan

Date: March 11, 2003

→ (Keisuke Sakagami)
Keisuke SAKAGAMI

Residence: Suwa-shi, Nagano-ken, Japan

Address: c/o Seiko Epson Corporation
3-5, Owa 3-Chome

Suwa-shi, Nagano-ken, Japan

Date: March 31, 2003

Kiichi Okumura
Kiichi OKUMURA

Residence: Suwa-shi, Nagano-ken, Japan

Address: c/o Seiko Epson Corporation
3-5, Owa 3-Chome

Suwa-shi, Nagano-ken, Japan